

Peak District National Park

Forecast valid from 00:00 on Saturday 02 Oct 2021 until 23:59 on Sunday 03 Oct 2021

Forecast Issued on Friday 01 Oct 2021 at 15:17

Confidence: High for relatively unsettled, but lowering for the timing and extent of worst of conditions.

Headline for Saturday 02 Oct 2021: Overcast with periods of occasionally heavy rain. Summit gales.

Mountain weather hazards on Saturday 02 Oct 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Light rain showers (night)	Light rain showers (night)	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain showers (night)
Precipitation probability							
20%	30%	30%	70%	70%	70%	70%	30%

Forecast for Saturday 02 Oct 2021

Weather: Some clear spells, but turning rather cloudy overnight with showers increasingly towards dawn. Overcast and dull for the bulk of Saturday with periods of rain, which turn heavy at times. Gradually rain clearing from the west during the evening with scattered showers following before midnight.

Chance of cloud free mountain/hill tops above 600m: 30%

Visibility: Prolonged moderate or poor in rain and briefly in showers, very poor in hill fog with bases extensive to broken through the day from 450-600m.

Forecast for Saturday 02 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 SW	21/32 S	22/32 S	27/38 S	27/37 S	21/29 SE	16/23 SW	22/30 W	21/32 SW
300	14/23 S	15/24 S	16/24 S	22/33 S	21/32 SE	16/26 SE	11/18 SW	16/26 W	15/25 SW
Valley	8/22 S	7/21 S	10/24 S	15/33 SE	16/33 SE	11/25 SE	8/19 SW	11/23 W	10/23 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/2	6/2	7/2	7/2	8/4	8/5	6/2	5/-0
300	8/5	8/4	8/5	9/5	9/5	10/7	10/8	8/5	7/3
Valley	8/6	8/5	9/6	10/6	10/7	10/8	10/9	9/6	7/5
Freezing Level*	1400m	1400m	1500m	1600m	1900m	2100m	2200m	1500m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Winds gusting towards 45mph at times across highest peaks, this coupled with driving rain and extensive hill fog will bring potentially hazardous conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 01 Oct 2021	19.4mm	24.2mm	35.4mm

Forecast for Sunday 03 Oct 2021

Weather: A day of showers with some turning heavy, bringing the risk of hail and thunder, particularly from mid-afternoon onwards.

Maximum wind: Southwest initially mean 25-30mph with gusts reaching 45mph across most exposed ridges and summits, easing a touch from late morning.

Chance of cloud free mountain/hill tops above 600m: 80%

Visibility: Good becoming moderate or poor in showers and very poor in hill fog with bases sporadically lowering 500m in showers.

Temperature: **Valleys:** Plus 6 Celsius rising 14 Celsius during the afternoon
At 600m: Plus 6 Celsius
Freezing level: Above all summits